

1. A disk drive apparatus comprising:

a turntable having four or more projections each of which has predetermined height, which are arranged at positions wherein a circumference is divided at equal intervals, and the tips of which are substantially on the same plane, for supporting a mounted disk by using said four or more projections;

a clamper having four or more projections each of which has predetermined height, which are arranged at positions wherein a circumference is divided at equal intervals, and holding said disk between these projections and the projections on said turntable; and

positioning means for holding said disk between the projections on said turntable and the projections on said clamper disposed opposite to each other.

2. A disk drive apparatus comprising:

a turntable having four or more projections each of which has predetermined height, which are arranged at positions wherein a circumference is divided at equal intervals, and the tips of which are substantially on the same plane, for supporting a mounted disk by using said four or more projections;

a clamper having four or more projections each of which has predetermined height, which are arranged at positions wherein a circumference is divided at equal intervals, and holding said disk between these projections and the projections on said turntable;

positioning means for holding said disk between the projections on said turntable and the projections on said clamper disposed opposite to each other;

a sub-base to which a spindle motor for rotating said disk is secured;

a main base over which said sub-base is installed via elastic bodies; and

a balancer having arc-shaped tracks with a plurality of

arcs having a central angle of less than 360 degrees and balance members provided so as to be movable on said arc-shaped tracks, and provided so as to be rotatable integrally with said disk.

3. A disk drive apparatus comprising:

a turntable provided with a ring-shaped rubber sheet stuck to a disk mounting face thereof on which a disk used as a recording medium is mounted; and

a clamper having four or more projections each of which has predetermined height, which are arranged at positions wherein a circumference is divided at equal intervals, the tips of which are substantially on the same plane, and holding said disk between said projections and said ring-shaped rubber sheet.

4. A disk drive apparatus comprising:

a turntable having four or more projections each of which has predetermined height, which are arranged at positions wherein a circumference is divided at equal intervals, and the tips of which are substantially on the same plane, for supporting a mounted disk by using said four or more projections; and

a clamper provided with a ring-shaped rubber sheet stuck to a disk mounting face thereof for holding said disk between said ring-shaped rubber sheet and said projections of said turntable.